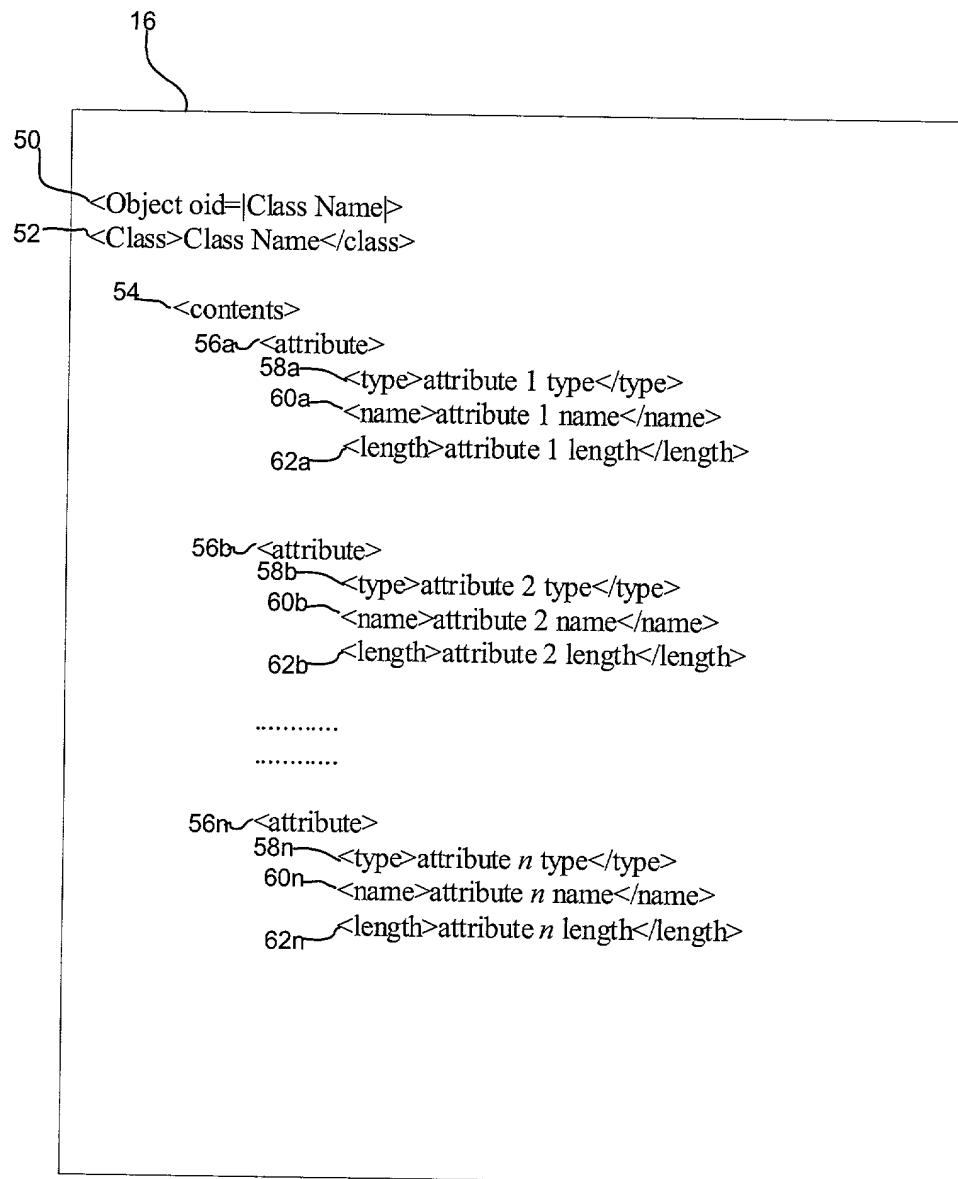


FIG. 2



70

```
Struct Person {  
    Char [] NAME = "Sally";  
    short AGE = "11";  
}
```

FIG. 3a
PRIOR ART

FIG. 3b

80

```
<Object oid=|person|>  
<Class>person</class>  
  
<contents>  
    82 <attribute>  
        <type>char</type>  
        <name>name</name>  
        <length>256</length>  
  
    84 <attribute>  
        <type>short</type>  
        <name>age</name>  
        <length>0</length>
```

FIG. 4

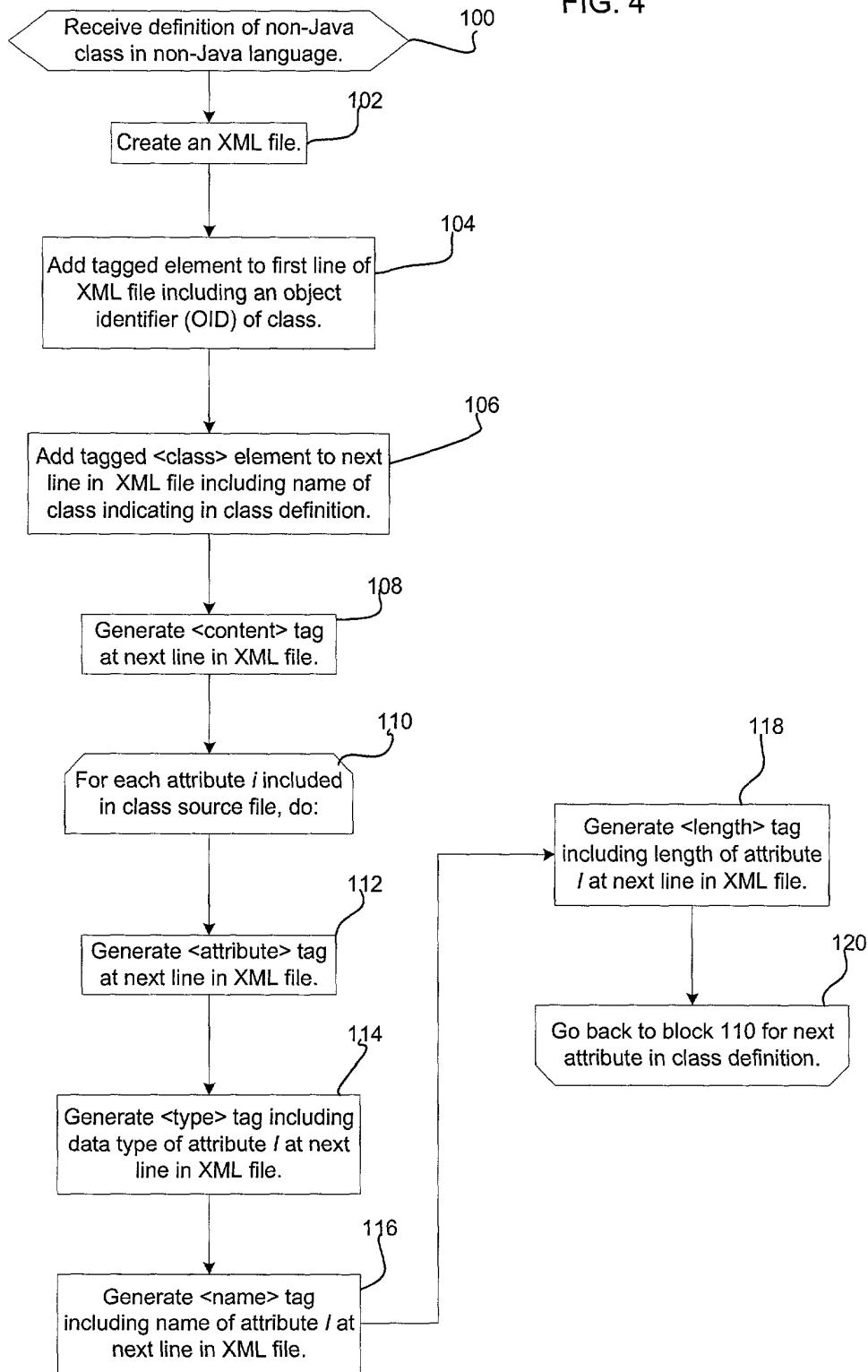


FIG. 5

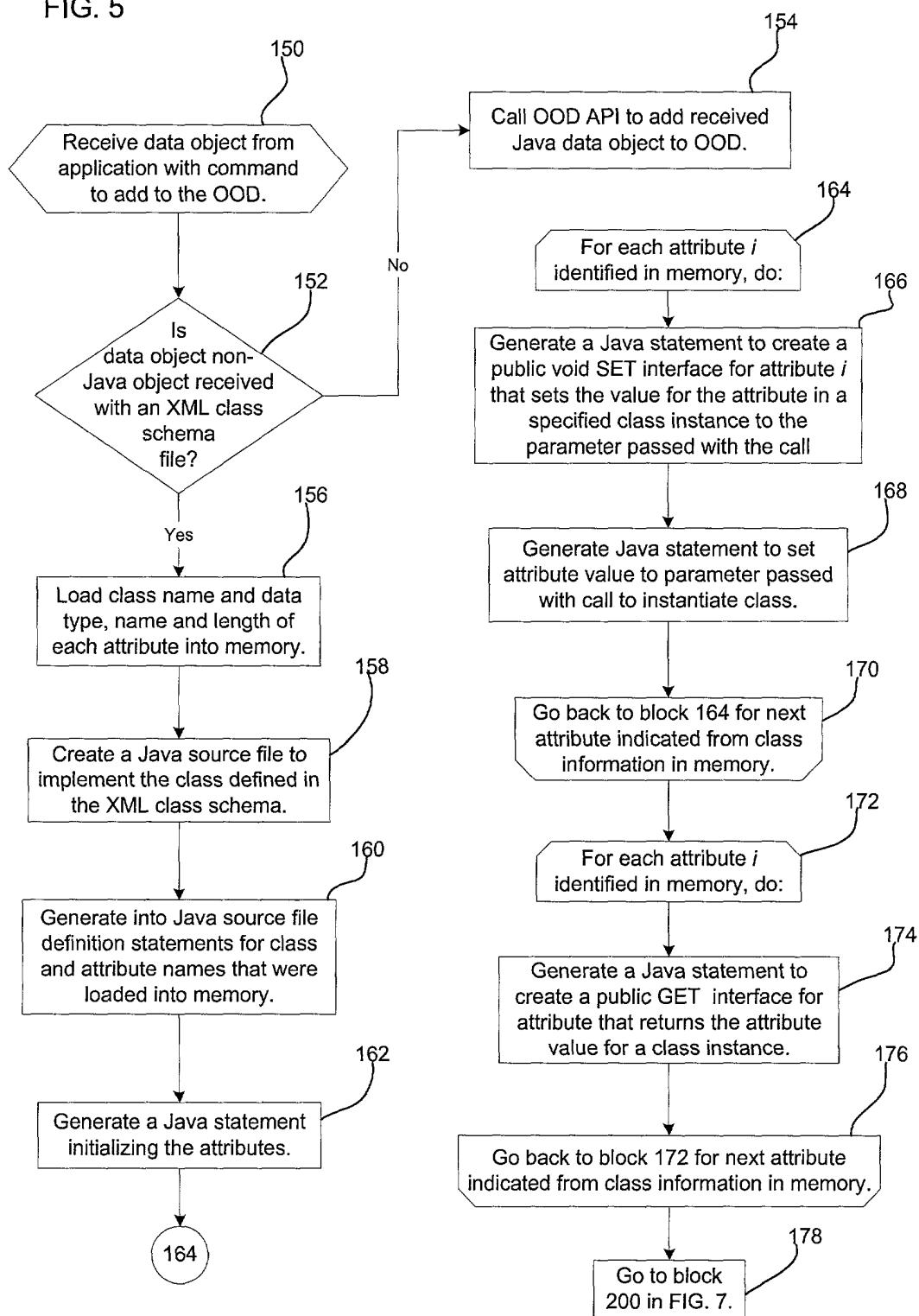


FIG. 6

```
180
  public class Person {
    182   public char name[];
    183   public short age;
    184   public Person () {
      185     name = new char[256];
      186     age = 0;
    }
    186a  public void setname(char[] a) {
      187    system.arraycopy(a,0,name0,a.length);
      188a
    }
    186b  public void setage(short a) {
      187    age = a;
    }
    188b
    190a  public char[] getname() {
      191    return name;
    }
    190b  public short getage() {
      191    return age;
    }
  }
```

FIG. 7

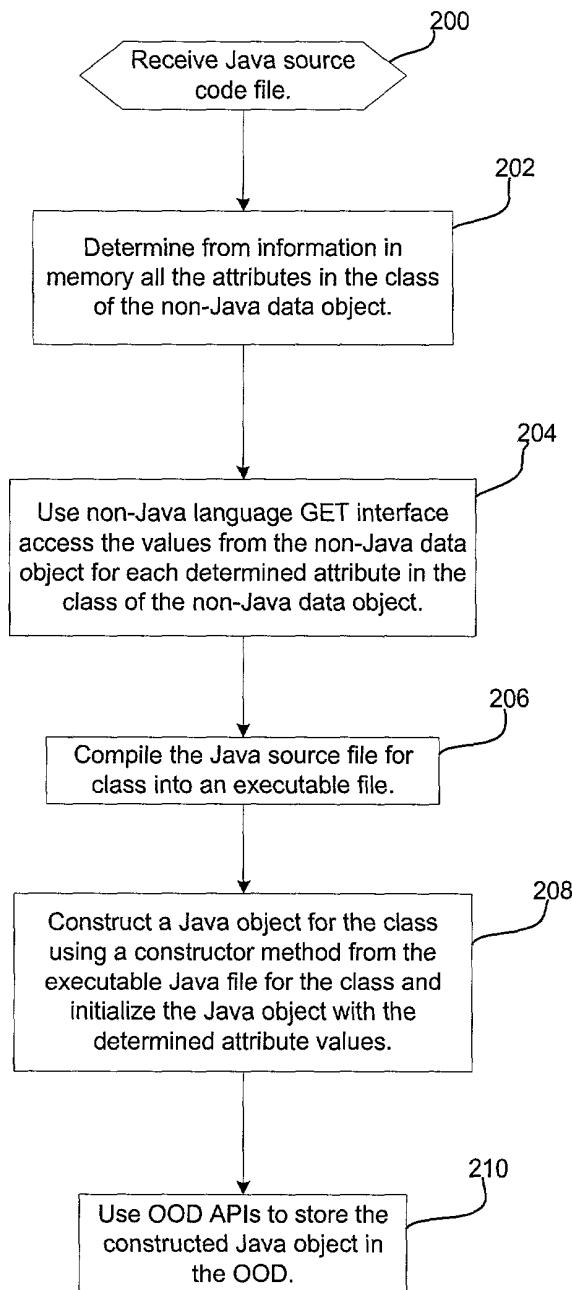


FIG. 8

